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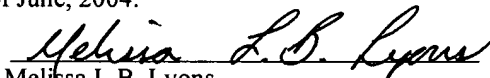
DOCKET NO.: D0590.70005US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Philippe Verwaerde et al.
Serial No: 10/817,331
Confirmation No: 1140
Filed: April 2, 2004
For: COMPOUND SCREENING METHOD
Examiner: Not Yet Assigned
Art Unit: 1635

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 28th day of June, 2004.


Melissa L.B. Lyons

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

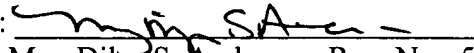
Transmitted herewith are the following documents:

- ☒ **Information Disclosure Statement**
- ☒ **PTO Form 1449**
- ☒ **Return Receipt Postcard**

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Philippe Verwaerde et al., Applicant

By: 
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Docket No. D0590.70005US01
Date: June 28, 2004
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DOCKET NO: D0590.70005US01

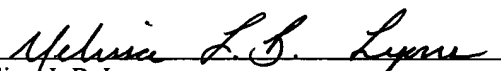
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Melissa L.B. Lyons

MAIL STOP Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case.

No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

International Search Report of GB 9908670.4 dated September 15, 1999;

International Search Report of GB 9912736.7 dated November 12, 1999; and

Applicant brings to Examiner's attention the existence of related applications:

Serial No.	Filing Date
09/273,965	March 22, 1999
09/549,694	April 14, 2000
09/549,411	April 14, 2000
09/549,872	April 14, 2000
09/550,107	April 14, 2000

International Search Report from corresponding PCT Application No. PCT/IB00/00575, filed April 14, 2001.

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

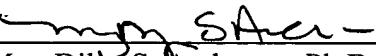
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

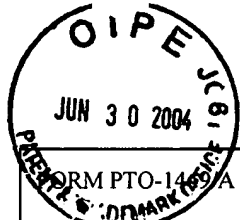
Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,
Philippe Verwaerde et al., *Applicant*

By: 
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Docket No. D0590.70005US01
Date: June 28, 2004
XNDDX



FORM PTO-1459A and B (Modified)				APPLICATION NO.: 10/817,331		ATTY. DOCKET NO.: D0590.70005US01			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE: April 2, 2004		CONFIRMATION NO.: 1140			
				APPLICANT: Philippe Verwaerde et al.					
				GROUP ART UNIT: 1635		EXAMINER: Not Yet Assigned			
Sheet	1	of	2						

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	A1*	4,444,891	A	Johji, Miwa et al.	04-24-1984

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
	B1*	WO	90/09096		Cambridge Neuroscience Research, Inc.	08-23-1990	
	B2*	WO	96/38555		Thierry Bogaert et al.	12-05-1996	
	B3*	WO	98/53856		The General Hospital Corporation	12-03-1998	
	B4*	WO	99/02652		The General Hospital Corporation	01-21-1999	
	B5*	WO	00 34438	A		06-15-2000	
	B6*	WO	98 51351	A		11-19-1998	
	B7*	WO	97 11956	A		04-03-1997	
	B8*	WO	99 05307	A		02-04-1999	
	B9*	WO	99 02634	A		01-21-1999	
	B10*	WO	98 54300	A		12-03-1998	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
	C1*	Alexander Kraev et al., "Identification and Functional Expression of the Plasma Membrane Calcium ATPase Gene Family From <i>Caenorhabditis elegans</i> ," J. Biol. Chem. (1999), Vol. 274, No. 7, pgs. 4254-4258.		
	C2*	Arai, Masashi et al., "Alterations in Sarcoplasmic Reticulum Gene Expression in Human Heart Failure," <i>Circulation Research</i> (1993) Vol. 72, No. 2, pgs. 463-469.		
	C3*	Arai, Masashi, "Function and Regulation of Sarcoplasmic Reticulum Ca ²⁺ -ATPase," <i>Jpn. Heart J.</i> (2000), Vol. 41, No. 1, pgs. 1-13.		
	C4*	Del Monte, Federica et al., "Restoration of Contractile Function in Isolated Cardiomyocytes from Failing Human Hearts by Gene Transfer of SERCA1a," <i>Circulation</i> (1999), 100:2308-2311.		
	C5*	Kiriazis, Helen et al., "Genetically Engineered Models with Alterations in Cardiac Membrane Calcium-Handling Proteins," <i>Annu. Rev. Physiol.</i> (2000), 62:321-51.		
	C6*	MacLennan, David et al., "Minireview: The Mechanism of Ca ²⁺ -ATPases," <i>J. Biol. Chem.</i> (1997), 272:28815-28818.		
	C7*	Miyamoto, Michael et al., "Adenoviral Gene Transfer of SERCA2a Improves Left-Ventricular Function in Aortic-Banded Rats in Transition to Heart Failure," <i>PNAS</i> (2000), Vol. 97, No. 2, pgs. 793-798.		
	C8*	Moller, Jesper et al., "Structural Organization, Ion Transport, and Energy Transduction of P-Type ATPases," <i>Biochimica et Biophysica Acta</i> (1996) 1286, pgs. 1-51.		
	C9*	Odermatt, Alex et al., "Mutations in the Gene-Encoding SERCA1, the Fast-twitch Skeletal Muscle Sarcoplasmic Reticulum Ca ²⁺ ATPase, are Associated with Brody Disease," <i>Nature Genetics</i> (1996) 14(2):191-4.		

C10*	Sakuntabhai, Anavaj et al., "Mutations in <i>ATP2A2</i> , Encoding a Ca ²⁺ Pump, Cause Darier Disease," <i>Nature Genetics</i> (1999) Vol. 21, pgs. 271-277.		
C11*	Schmidt, U et al., "Restoration of Diastolic Function in Senescent Rat Hearts Through Adenoviral Gene Transfer of Sarcoplasmic Reticulum Ca ²⁺ -ATPase," <i>Circulation</i> (2000), 101:790-796.		
C12*	RAND, J.B. et al. "Genetic Pharmacology: Interaction Between Drugs and Gene Products in <i>Caenorhabditis Elegans</i> ", <i>Methods in Cell Biology</i> , 1995, pp. 187-204, Vol. 48(8)		
C13*	LEITCH, G.J. et al. "Use of a Fluorescent Probe to Assess the Activities of Candidate Agents Against Intracellular Forms of <i>Encephalitozoon Microsporidia</i> ", <i>Antimicrobial Agents and Chemotherapy</i> , 1997, pp. 337-344, Vol. 41		
C14*	BERNHARD, J.M. et al. "Towards a Non-Terminal Viability Assay for Foraminiferan Protists", <i>Journal of Eukaryotic Microbiology</i> , 1995, pp. 357-367, Vol. 42 (Abstract)		
C15*	RIDDLE, D.L. et al. "Responses of the Plant Parasitic Nematodes <i>Rotylenchulus</i> - <i>Reniformis</i> Anguina-Agrostis and <i>Meloidogyne</i> - <i>Javanica</i> to Chemical Attractants", <i>Parasitology</i> , 1985, pp. 185-195, Vol. 91(1)		
C16*	CASTRO, C.E. et al. "Quantitative Bioassay for Chemotaxis With Plant Parasitic Nematodes Attractant and Repellent Fractions for <i>Meloidogyne</i> - <i>Incognita</i> From Cucumber Roots", <i>Journal of Chemical Ecology</i> , 1989, pp. 1297-1310, Vol. 15(4)		
C17*	BALAN, J. "Measuring Minimal Concentrations of Attractants Detected by the Nematode <i>Panagrellus Redivivus</i> ", <i>J. Chem. Ecol.</i> , 1985, pp. 105-111, Vol. 11(1)		
C18*	AVERY, L. et al. "Effects of Starvation and Neuroactive Drugs on Feeding in <i>Caenorhabditis Elegans</i> ", <i>Journal of Experimental Zoology</i> , 1990, pp. 263-270, Vol. 253		
C19*	LAUGHTON, D.L. et al. "Reporter Gene Constructs Suggest that the <i>Caenorhabditis Elegans</i> Avermectin Receptor Beta-Subunit is Expressed Solely in the Pharynx", <i>Journal of Experimental Biology</i> , 1997, pp. 1509-1514, Vol. 200		
C20*	BROWNLEE, D.J. et al. "Actions of the Anthelmintic Ivermectin on the Pharyngeal Muscle of the Parasitic Nematode, <i>Ascaris Suum</i> ", <i>Parasitology</i> , November 1997, pp. 553-561, Vol. 115(5)		
C21*	BENNETT, J.L. et al. "Micromotility Meter an Instrument Designed to Evaluate the Action of Drugs on Motility of Larval and Adult Nematodes", <i>Parasitology</i> , 1986, pp. 341-346, Vol. 93(2)		
C22*	DAS, A.K. et al. "Simple Micromotility Recorder for Rapid Screening of Potentially Anthelmintic Compounds", <i>Journal of Pharmacological Methods</i> , 1988, pp. 323-327, Vol. 20(4)		
C23*	LORIMER, S.D. et al. "A Nematode Larval Motility Inhibition Assay for Screening Plant Extracts and Natural Products", <i>Journal of Agricultural and Food Chemistry</i> , 1996, pp. 2842-2845, Vol. 44(9)		
C24*	HOLLO, Z. et al. "Calcein Accumulation as a Fluorometric Functional Assay of the Multidrug Transporter", <i>Biochimica Et Biophysica Acta</i> , 1994, pp. 384-388, Vol. 1191		
C25*	TRAUNSPURGER, W. et al. "Ecotoxicological Assessment of Aquatic Sediments with <i>Caenorhabditis Elegans</i> (Nematoda): A Method for Testing Liquid Medium and Whole-Sediment Samples", <i>Environmental Toxicology and Chemistry</i> , 1997, pp. 245-250, Vol. 16(2)		
C26*	WHITEHEAD, A.G. et al. "Variation in the Development of Stem Nematodes <i>Ditylenchus</i> - <i>Dipsaci</i> in Susceptible and Resistant Crop Plants", <i>Annals of Applied Biology</i> , 1987, pp. 373-383, Vol. 111(2) (Abstract)		
C27*	RAIZEN, D.M. et al. "Interacting Genes Required for Pharyngeal Excitation by Motor Neuron MC in <i>Caenorhabditis Elegans</i> ", <i>Genetics</i> , December 1995 pp. 1365-1382, Vol. 141		
C28*	JENKINS, D.C. et al. "The Aggregation Response of <i>Trichostrongylus-Colubriformis</i> A Basis for the Rapid Interpretation of In-Vitro Anthelmintic Screens", <i>Parasitology</i> , 1986, pp. 531-537, Vol. 93(3)		
C29*	SANON, A. et al. "Kinetic Parameters of N-Acetylglucosaminidase in Adult Female <i>Nippostrongylus Brasiliensis</i> by a Quantitative Colorimetric Micromethod", <i>Parasite</i> , 1996, pp. 115-118, Vol. 3(2)		
C30*	ROGERS, W.P. "Enzymes in the Exsheathing Fluid of Nematodes and Their Biological Significance", <i>International Journal for Parasitology</i> , 1982, pp. 495-502, Vol. 12(6) (Abstract)		
C31*	BONE, L.W. et al. "Egg Enzymes of the Ruminant Nematode <i>Trichostrongylus-Colubriformis</i> ", <i>International Journal of Invertebrate Reproduction and Development</i> , 1988, pp. 299-302, Vol. 14(2-3)		
C32*	THOMPSON, D.P. "Prospects for Rational Approaches to Anthelmintic Discovery", <i>Parasitology</i> , 1996 Suppl., pp. S217-S238, Vol. 113(Suppl.)		
C33*	MAULE, A.G. et al. "Nematode FMRFamide-Related Peptide (FaRP)-Systems: Occurrence, Distribution and Physiology", <i>International Journal for Parasitology</i> , 1996, pp. 927-936, Vol. 26(8-9)		

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/550,107, filed April 14, 2000, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]